

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/520,999  
Source: PCT  
Date Processed by STIC: 12/08/2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 12/08/2005

PATENT APPLICATION: US/10/520,999

TIME: 08:23:33

Input Set : A:\ST125.txt

Output Set: N:\CRF4\12082005\J520999.raw

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3 <110> APPLICANT: Forschungszentrum Juelich GmbH
5 <120> TITLE OF INVENTION: NUCLEOTIDE SEQUENCES THAT ENCODE CORYNEFORM BACTERIA FOR
PROTEINS
6     PARTICIPATING IN THE BIOSYNTHESIS OF L-SERINE AND METHOD OF PRODUCING
7     L-SERINE
9 <130> FILE REFERENCE: 23155
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/520,999
C--> 12 <141> CURRENT FILING DATE: 2005-01-07
14 <160> NUMBER OF SEQ ID NOS: 19
16 <170> SOFTWARE: PatentIn Ver. 2.1
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214 <211> LENGTH: 333
215 <212> TYPE: PRT
216 <213> ORGANISM: Corynebacterium glutamicum

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218 &lt;400&gt; SEQUENCE: 7

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226           35           40           45
228 Ala Leu Leu Val Arg Ser Ala Thr Thr Val Asp Ala Glu Val Ile Ala
229           50           55           60
231 Ala Ala Pro Asn Leu Lys Ile Val Gly Arg Ala Gly Val Gly Leu Asp
232   65           70           75           80
234 Asn Val Asp Ile Pro Ala Ala Thr Glu Ala Gly Val Met Val Ala Asn
235           85           90           95
237 Ala Pro Thr Ser Asn Ile His Ser Ala Cys Glu His Ala Ile Ser Leu
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241           115          120          125
243 Glu Gly Glu Trp Lys Arg Ser Ser Phe Asn Gly Val Glu Ile Phe Gly
244           130          135          140
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250           165          170          175
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262  225          230          235          240
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265           245          250          255
267 Gly Phe Asp Val Tyr Ser Thr Glu Pro Cys Thr Asp Ser Pro Leu Phe
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284 &lt;210&gt; SEQ ID NO: 8

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287 &lt;213&gt; ORGANISM: Corynebacterium glutamicum

289 &lt;400&gt; SEQUENCE: 8

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L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date